



2FV #

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FEE TRANSMITTAL

Patent fees are subject to annual revision.

Complete If Known

Application Number	10/774,608
Filing Date	10 February 2004
First Named Inventor	TAE-HO LEE
Examiner Name	PATEL, VIP
Group/Art Unit	2879
Attorney Docket No.	P57022

TOTAL AMOUNT OF PAYMENT

(\$)180.00

METHOD OF PAYMENT (check one)

1. ☒ Payment Enclosed:

(CHECK #50575)

☒ Check ☐ Credit Card ☐ Money Order
☐ Other

☐ Charge Any Additional Fee Required Under 37 C.F.R. §1.16 and 1.17.

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ The Commissioner is hereby authorized to charge any deficiency and credit any over payments to:

Deposit Account Number: 02-4943

FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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EXTENSION OF TIME FEES

1251	120	2251	60	Extension for reply within first month	\$
1252	450	2252	225	Extension for reply within second month	\$
1253	1020	2253	510	Extension for reply within third month	\$
1254	1590	2254	795	Extension for reply within fourth month	\$
1255	2160	2255	1080	Extension for reply within fifth month	\$

APPEAL

1401	500	2401	250	Notice of Appeal	\$
1402	500	2402	250	Filing a brief in support of an appeal	\$
1403	1000	2403	500	Request for oral hearing	\$

CLAIMS

1201	200	2201	100	Independent claims in excess of 3	\$
1202	50	2202	25	claims in excess of 20	\$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

SUBTOTAL: LEFT COLUMN \$ 0.00

FEE CALCULATION

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
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MISCELLANEOUS

1801	\$790	2801	\$395	Request for continued examination (RCE)	\$
1806	\$180			Submission of an IDS	\$ 180.00
1814	\$130	2814	\$65	Statutory disclaimer	\$
8021	\$40			Recordation of assignment per property	\$

TRADEMARK

6001/7001		\$335	Application for registration, per class	\$
6002/7002		\$100	Amendment to Allege Use, per class	\$
6003/7003		\$100	Statement of Use, per class	\$
6004/7004		\$150	Request for six-month extension of time, per class	\$
6205/7205		\$100	\$8 affidavit, per class	\$
6208/7208		\$200	\$15 affidavit, per class	\$
6201/7201		\$400	Application for renewal, per class	\$
6403/7403		\$100	Ex parte appeal, per class	\$

PETITION

1462		\$400	Petitions to Director (Group I)	\$	
1463		\$200	Petitions to Director (Group II)	\$	
1464		\$130	Petitions to Director (Group III)	\$	
1452	\$500	2452	\$250	Petitions to revive unavoidably abandoned application	\$
1453	\$1500	2453	\$750	Petitions to revive unintentionally abandoned application	\$

PATENT MAINTENANCE

1551	\$900	2551	\$450	Due at 3.5 years	\$
1552	\$2300	2552	\$1150	Due at 7.5 years	\$
1553	\$3800	2553	\$1900	Due at 11.5 years	\$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

Other Fee (specify) _____ \$

SUBTOTAL: RIGHT COLUMN \$ 180.00

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name	Robert E. Bushnell, Esq.	Reg. Number	27,774
Signature		Date	20 March 2006
		Deposit Account User ID	

REB/ny

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PATENT
P57022

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

TAE-HO LEE

Serial No.: 10/774,608

Examiner: PATEL, VIP

Filed: 10 February 2004

Art Unit: 2879

For: PLASMA DISPLAY PANEL WITH OPEN AND CLOSED DISCHARGE
CELLS

INFORMATION DISCLOSURE STATEMENT

Mail Stop: Issue Fee

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references. Under 37 C.F.R. §1.98(a)(2) however, copies of U.S. patent reference(s) are not provided.

FOREIGN PATENT REFERENCE(S):

- Japanese Patent Publication No. 08-335440 to Miyagawa *et al.*, entitled *GAS DISCHARGE TYPE DISPLAY DEVICE AND ITS MANUFACTURE*, published on 17 December 1996; and
- Japanese Patent Publication No. 2000-228150 to Hirano *et al.*, entitled *PLASMA DISPLAY DEVICE*, published on 15 August 2000.

Folio: P57022

Date: 3/20/06

ID: REB/ny

03/21/2006 HAL111 00000163 10774608

01 FC:1806

180.00 DP

OTHER DOCUMENT(S):

- *Office action* from the Korean Intellectual Property Office issued in Applicant's corresponding Korean Patent Application No. 2003-0010997 dated 18 December 2005.

DISCUSSION

The Examiner stated, in the Office action issued by the Korean Intellectual Property Office on the 18th of December 2006 in applicant's corresponding Korean Patent Application corresponding to applicant's above-captioned U.S. Patent Application, that reference 1 (JP 8-335441) discloses that a discharge cell is formed into a stripe type by repeatedly arranging two rows, and reference 2 (JP12-228150) discloses a plasma display panel which may optimize brightness balance without making pixel structure and driving method complex by the shapes of light shields of various and simple constitutions. In view of the technical point, the combination of the two references is similar to the present invention. Also, in view of the objects and effects (i.e., improvement of evacuation efficiency), the combination of the two references is similar to the present invention. Therefore, the ordinary skilled person in the art can make the present invention from a combination of the two references.

Miyagawa *et al.*'JP440 discloses that first electrode wires 2 buried in grooves 1a and priming ribs 10 having priming slits 10c are provided on a front face plate 1. Second electrode wires 4, display electrode bodies 78 respectively connected to the second electrode wires 4, partition walls 5 formed into grid-like surrounding the display electrode bodies 7, fluorescent substances 9 surrounded by the partition walls 5 and formed in areas excluding the display electrode bodies 7 are provided on a back face plate 3. The front face plate 1 and the back face plate 3 are oppositely held

so as to fill rare gas inside.

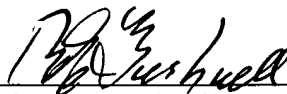
Hirano *et al.*'JP150 discloses that vertical stripe light shields 11a, 11b, 11c, 11d of different width are arranged so that the opening spaces of pixels R, G, B are different while the opening space of discharge space of pixels R is larger than that of pixel G and the opening space of discharge space of pixel B is larger than that of pixel R. And light shields of horizontal stripe or grid pattern are placed at the peripheries of pixels R, G, B, and further more, polygonal or curved protrusions are formed in the light shields so that light shielding areas are different. Insular light shields of different light shielding areas are placed in the discharge spaces of pixels R, G, B, or vertical, horizontal, or oblique stripes of different light shielding areas are arranged to occupy parts of the discharge spaces of pixels R, G, B.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

Pursuant to 37 CFR § 1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three(3) months prior to the filing of the statement.

Pursuant to 37 C.F.R. §1.97(d)(2), the fee set forth under 37 C.F.R. §1.17(p) of \$180.00 accompanies this Information Disclosure Statement. Should the check become lost, be deficient in payment, or should other fees be incurred, the Commissioner is authorized to charge Deposit Account No. 02-4943 of Applicant's undersigned attorney in the amount of such fees.

Respectfully submitted,

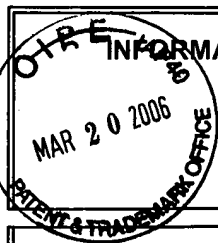


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Date: 20 March 2006
I.D.: REB/ny



INFORMATION DISCLOSURE STATEMENT

PTO-1449 (PAGE 1 OF 1)

SERIAL NUMBER 10/774,608

DOCKET NO. P57022

APPLICANT

TAE-HO LEE

FILING DATE 10 February 2004

GROUP

2879

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	JP 08-335440	12/96	JAPAN			Abstract	
	JP 2000-228150	8/00	JAPAN			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

Office action from the Korean Intellectual Property Office issued in Applicant's corresponding Korean Patent Application No. 2003-0010997 dated 18 December 2005.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.